REMARKS

Reconsideration of the above-identified patent application in view of the remarks following is respectfully requested.

Claims 1-12 are in this case. Claims 1-12 have been rejected under § 112, second paragraph.
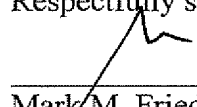
§ 112, Second Paragraph Rejections

The Examiner has rejected claims 1-12 under § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Specifically, independent claim 1 recites the limitations of "providing a set of at least 2^m nxn matrices" and "allocating each binary number between 0 and binary 2^m-1 to a respective one of said matrices" and independent claim 11 recites similar limitations. The Examiner fails to understand how this is performed in the case of m=1 and n=2.

The Examiner's rejection is respectfully traversed. Here is a simple example of how to do it. The set of two 2x2 matrices in this example (not necessarily a set of matrices that satisfy all the limitations of claims 1 and 11) is $M_1 = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ and $M_2 = \begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}$. There are two ways to allocate the binary numbers 0 and 1 to respective ones of these matrices. One way is to associate the binary number 0 with the matrix M_1 and the binary number 1 with the matrix M_2. The other way is to associate the binary number 0 with the matrix M_2 and the binary number 1 with the matrix M_1.

In view of the above remarks it is respectfully submitted that independent claims 1 and 11, and hence dependent claims 2-10 and 12 are in condition for allowance. Prompt notice of allowance is respectfully and earnestly solicited.

Respectfully submitted,

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